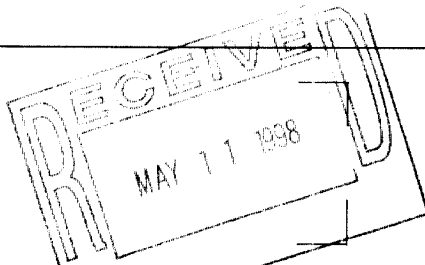


06-10-1998



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U.S. Department of Commerce
Patent and Trademark Office
PATENT

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MRD 5-1198

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New
- Resubmission (Non-Recordation)
Document ID#
- Correction of PTO Error
Reel # Frame #
- Corrective Document
Reel # Frame #

Conveyance Type

- Assignment Security Agreement
- License Change of Name
- Merger Other

U.S. Government

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- Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached
Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Second Party

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Execution Date
Month Day Year

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Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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Address (line 1)

Address (line 2)

Address (line 3)
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

06/10/1998 BCDATES 00000014 134125 07630923

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Address (line 1)

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Pages

Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

<input type="text" value="07630923"/>	<input type="text" value="08674928"/>	<input type="text" value="07869470"/>
<input type="text" value="07630905"/>	<input type="text" value="08452244"/>	<input type="text"/>
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Patent Number(s)

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<input type="text" value="5069820"/>	<input type="text" value="4963206"/>	<input type="text" value="5006278"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Jon Beusen

Name of Person Signing
Reg. No. 30,610

Jon Beusen
Signature

May 6, 1998
Date

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

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Address (line 2)

Address (line 3) City State/Country Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

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ASSIGNMENT NUNC PRO TUNC

WHEREAS, AlliedSignal Inc., a corporation of the State of Delaware, having its address at 101 Columbia Road, Morristown, New Jersey, 07962, U.S.A. ("ALLIEDSIGNAL INC.") and AlliedSignal Technologies Inc., a corporation of the State of Arizona, with offices at 8440 South Hardy Drive, Tempe, Arizona 85284 ("ALLIEDSIGNAL TECHNOLOGIES") entered into a written agreement effective as of September 1, 1995 (the "Agreement") governing ALLIEDSIGNAL INC.'S sale of its technology relating to intrinsically conductive polymers to ALLIEDSIGNAL TECHNOLOGIES.

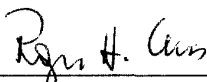
WHEREAS, under terms of the Agreement, ALLIEDSIGNAL INC. sold, conveyed, assigned and transferred its entire right, title and interest in and to all rights to patents and patent applications as defined in Appendix A ("ALLIEDSIGNAL INC. PATENT RIGHTS") attached hereto and made a part hereof, to ALLIEDSIGNAL TECHNOLOGIES.

WHEREAS, in order to memorialize the assignment of ALLIEDSIGNAL INC. PATENT RIGHTS to ALLIEDSIGNAL TECHNOLOGIES effective as of September 1, 1995, for purposes of recordation, the parties hereby execute this short form assignment *nunc pro tunc* as follows:

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ALLIEDSIGNAL INC. sold, conveyed, assigned and transferred to ALLIEDSIGNAL TECHNOLOGIES, its successors and assigns, under terms of the Agreement effective as of September 1, 1995, the entire right, title and interest of ALLIEDSIGNAL INC. in and to said ALLIEDSIGNAL INC. PATENT RIGHTS, the inventions covered thereby and any patents that may issue thereon together with any and all divisional and continuation Applications thereof and the Patents that may issue thereon, together with the right to apply for Patents based thereon in each state that may be designated and together with the right to sue for and collect all claims for profits and damages by reasons of past infringement. The acquired subject matter is to be held and enjoyed absolutely by the said ALLIEDSIGNAL TECHNOLOGIES, for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representative.
IN WITNESS WHEREOF, we hereunto set our hands.

Date: November 11, 1997

ALLIEDSIGNAL INC.



Typed Name: Roger H. Criss
Title: Assistant Secretary

STATE OF New Jersey :
COUNTY OF Morris :

On this 11th day of November before me, a Notary Public, within and for the County of Maricopa, State of New Jersey, personally appeared Roger H. Cross, to me known to be the person described in and who executed the foregoing document and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Ivy L. Abraham
Notary Public

IVY L. ABRAHAM
A NOTARY PUBLIC OF NEW JERSEY

My Commission Expires: My Commission Expires April 1, 2001

Date: 11-14, 1997

ALLIEDSIGNAL TECHNOLOGIES INC.

Theo Grigoriou

Typed Name:

Title:

STATE OF ARIZONA :
COUNTY OF MARICOPA :

On this 14 day of NOV., 1997 before me, a Notary Public, within and for the County of MARICOPA, State of ARIZONA, personally appeared THEO GRIGORIOU, to me known to be the person described in and who executed the foregoing document and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Niare Braga
Notary Public

My Commission Expires: march 7, 1998

APPENDIX A
ALLIEDSIGNAL INC. PATENT RIGHTS

Country	Serial No.	Filed	Patent No.	Issue Date
<i>Environmental Indicator Device And Method</i>				
Canada	527,567	01/19/87	1,257,921	07/25/89
<i>Solution Processible Forms Of Electrically Conductive Polyaniline</i>				
United States	002,528	01/12/87	4,983,322	01/08/91
<i>Intrinsically Conductive Articles Of Filled Intrinsically Conductive Polymers</i>				
United States	895,596	08/15/86	4,915,985	04/10/90
<i>Thermally Stable Forms Of Electrically Conductive Polyaniline</i>				
United States	082,886	08/07/87	5,069,820	12/03/91
United States	317,367	03/01/89	5,160,457	11/03/92
United States	08/273,586	07/11/94	5,456,862	10/10/95
Canada	573,934	08/05/88	1,377,366	10/17/95
Canada	2,011,189	02/28/90	Pending	
France	88907920.8	07/11/88	EP 0 380 517	12/21/94
France	90904548.6	02/28/90	EP 0 461 182	01/10/96
Germany (W)	EP 0 380 517	07/11/88	P 3852546.1	12/21/94
Germany	90904548.6	02/28/90	EP 0 461 182	01/10/96
Great Britain	88907920.8	07/11/88	EP 0 380 517	12/21/94
Great Britain	90904548.6	02/28/90	EP 0 461 182	01/10/96
Italy	88907920.8	07/11/88	EP 0 380 517	12/21/94
Italy	90904548.6	02/28/90	EP 0 461 182	01/10/96
Japan	507094/88	07/11/88	Pending	
Japan	504471/90	02/28/90	Pending	
Netherlands	88907920.8	07/11/88	EP 0 380 517	12/21/94
Netherlands	90904548.6	02/28/90	EP 0 461 182	01/10/96
Sweden	88907920.8	07/11/88	EP 0 380 517	12/21/94
Sweden	90904548.6	02/28/90	EP 0 461 182	01/10/96
<i>Thermal Window Glazing With Conductive Polymer Coating To Block Radioactive Heating</i>				
United States	347,546	05/04/89	4,963,206	10/16/90
United States	491,921	03/12/90	5,099,621	03/31/92
<i>Adjustable Tint Window With Electricchromic Conductive Polymer</i>				
United States		06/27/88	5,042,923	08/27/91
Canada			1,309,156	10/20/92

Country	Serial No.	Filed	Patent No.	Issue Date
<i>Solution Processible Forms Of Electrically Conductive Polyaniline</i>				
United States	471,463	01/29/90	5,006,278	04/09/91
<i>Process For Forming Articles Of Filled Intrinsically Conductive Polymers</i>				
United States	895,596	08/15/86	4,915,985	04/10/90
<i>Conductive Polymer Film Formation Using Initiator Pretreatment</i>				
United States	728,908	07/01/91	5,225,495	07/06/93
<i>Process For Forming Conjugated Backbone Copolymers</i>				
United States	727,747	07/10/91	5,227,092	07/13/93
<i>Conductive Polymers Formed From Conjugated Backbone Polymers Doped With Non-Oxidizing Protonic Acids</i>				
United States	501,066	03/29/90	5,185,100	02/09/93
<i>Method For Processing Electrically Conductive Polyanilines In Solvent Mixtures</i>				
United States	07/ 630,923	12/20/90	Pending	
Europe	92903538.4	12/18/91	Pending	
Japan	503738/92	12/18/91	Pending	
<i>Method For Processing Electrically Conductive Polyanilines In Lewis-Base Solvents</i>				
United States	07/ 630,905	12/20/90	Pending	
Europe	92903442.9	12/18/91	Pending	
Japan	503381/92	12/18/91	Pending	
<i>Lewis Base Catalyzed Phase Transfer Coating Process For Polyanilines</i>				
United States	07/ 689,421	04/22/91	5,266,617	11/30/93
<i>Thermally Induced Chain Coupling In Solid State Polyaniline</i>				
United States	664,703	03/05/91	5,171,478	12/15/92
<i>Solubility Modification Of Conductive Conjugated Backbone Polymers via The Dopant Moieties</i>				
United States	08/063,814	05/20/93	5,378,404	01/03/95
Europe	92919489.2	08/28/92	Pending	
Japan	505317/93	08/28/92	Pending	
<i>Conductive Thermally Stable Anti-stain Conjugated Backbone Polymers</i>				
United States	07/ 763,737	09/23/91	Pending	

Country	Serial No.	Filed	Patent No.	Issue Date
<i>Method Of Processing Neutral Polyanilines In Solvent Mixtures</i>				
United States	689,420	04/22/91	5,278,213	01/11/94
Canada	PCT/US92/03022	04/15/92	Pending	
Europe	92912462.6	04/15/92	Pending	
Japan	511733/92	04/15/92	Pending	
<i>Enzymatic Synthesis Of Polyanilines</i>				
United States	08/091,456	07/14/93	5,420,237	05/30/95
<i>High Electrically Conductive Polyaniline Complexes Having Polar Substituents</i>				
United States	952,371	09/28/92	5,378,403	01/03/95
<i>High Stability Polyaniline Complexes With Hydrogen Bonding Structures</i>				
United States	892,859	06/03/92	5,422,423	06/06/95
Canada	2,134,439	06/02/93	Pending	
Europe	93916423.2	06/02/93	Pending	
Japan	500871/94	06/02/93	Pending	
<i>Surface Dopants As Blend Compatibilizers In Conjugated Polymers</i>				
United States	08/089,465	07/12/93	Abandoned	
United States	08/674,928	07/03/96	Pending	
Canada	2,134,440	06/02/93	Pending	
Europe	93914364.0	06/02/93	Pending	
Japan	500872/94	06/02/93	Pending	

Country	Serial No.	Filed	Patent No.	Issue Date
<i>Process For The Preparation Of Conductive Polymer Blends</i>				
United States	727,768	07/10/91	5,254,633	10/19/93
<i>Paint Formulations Containing Semiconducting Conjugated Backbone Polymers And Corrosion Preventive Additives</i>				
Canada	2,126,330	01/21/93	Pending	
Europe	93903618.2	01/21/93	Pending	
<i>Corrosion Resistant Paint</i>				
United States	08/452,244	05/26/95	Pending	
<i>Polyaniline Compositions Having A Surface/Core Dopant Arrangement</i>				
United States	07/689,382	04/22/91	5,281,363	01/25/94
Canada	2,069,291-0	05/22/92	Pending	
Europe	92913745.3	04/15/92	Pending	
Japan	511751/92	04/15/92	Pending	
<i>Electrically Conductive Blends Of Intrinsically Conductive Polymers Containing Sulfonamide Plasticizer And Acidic Surfactant</i>				
United States	684,734	01/31/91	5,217,649	06/30/94
Japan	4(1992)-38331	01/30/92	Pending	
Korea	92-1484	01/31/92	Pending	
United Kingdom	92300622.5	01/24/92	Pending	
Canada	2,059,945-6	01/23/92	Pending	
<i>Electrically Conductive Blends Of Intrinsically Conductive Polymers And Thermoplastic Polymers And A Process For Their Preparation</i>				
United States	773,149	10/08/91	Abandoned	
United States	08/081,005	06/22/93	5,290,483	03/01/94
Canada	2,080,043-7	10/07/92	Pending	
Europe	92308605.2	09/22/92	Pending	
Japan	4(1992)-290914	10/06/92	Pending	
Korea	92-18237	10/06/92	Pending	
<i>Electrically Conductive Coating Compositions And Their Preparation</i>				
United States	07/869,470	04/15/92	Pending	